CLAIMS

1. A processing environment determining means (PED) for inclusion in a telecommunication network, **characterized** in that said processing environment determining means (PED) comprises first retrieving means (RET1) to retrieve one or more processing capability information (P_T1; P_T2; P_HN; P_VN; P_IN; P_SPE) associated to any one of a terminal (T1; T2), a network element (HNE; VNE; INE) of a sub-network (HN; VN; IN) and a service provider equipment (SPE) of a service provider (SP) of said telecommunication network; and said processing determining means (PED) further comprises appointing means (APP) being coupled to said first retrieving means (RET1) to appoint, for a predefined service of a predefined client, according to predefined rules and conditions, and according to said processing capability information (P_T1; P_T2; P_HN; P_VN; P_IN; P_SPE), one or more out of said terminal (T1; T2), said network elements (HNE; VNE; INE) and said service provider equipment (SPE), and to determine thereby an appointed processing environment (P_APP) that has to be used to execute said predefined service.

2. The processing environment determining means (PED) according to claim 1, characterized in that said predefined rules and conditions are at least partly determined by any one of user requirements and user preferences of a user (U) that uses said terminal (T1; T2), operator requirements and operator preferences of an operator that exploits said network element (HNE; VNE; INE), service provider requirements and service provider preferences of a service provider (SP) that operates said service provider equipment (SPE).

3. The processing environment determining means (PED) according to any one of claim 1 and claim 2, characterized in that said processing environment determining means (PED) comprises second retrieving means (RET2) to retrieve any one of said user requirements, said user preferences, said operator requirements, said operator preferences, said service provider requirements, said service provider preferences from any one of said terminal

(T1; T2), said network elements (HNE; VNE; INE) and said service provider equipment (SPE) in order to update said predefined rules and conditions accordingly.

4. The processing environment determining means (PED) according to any previous claim, characterized in that said first retrieving means (RET1) retrieves said one or more processing capability information (P_T1; P_T2; P_HN; P_VN; P_IN; P_SPE) from any one of a terminal capability server means (CS_T1; CS_T2) of said terminal (T1; T2) via predefined terminal application open signals and a network service capability server means (SCS_HN; SCS_VN; SCS_IN) of a sub-network (HN; VN; IN) via predefined network application open service architecture signals.

5. The processing environment determining means (PED) according to any previous claim, characterized in that said processing environment determining means (PED) is comprised in any one of a terminal (T1; T2) a sub-network being any one of a home network (HN), a visited network (VN) and a intermediate network (IN) of said telecommunication network and a service provider equipment (SPE).

6. The processing environment determining means (PED) according to any previous claim, characterized in that said first retrieving means (RET1) retrieves processing capability information (P_T1; P_T2) that is associated to any one of a User Service Identity Module (USIM) of said terminal (T1; T2) and a terminal equipment (TE) of said terminal (T1; T2).

7. A terminal capability server means (CS_T1; CS_T2) of a terminal (T1; T2) to be used in a telecommunication network, said terminal capability server means (CS_T1; CS_T2) is adapted to translate first application signals (S1) into first predefined terminal application open signals (SO1) and to translate second predefined terminal application open signals (SO2) into second application signals (S2), **characterized** in that said first predefined

terminal application open signals (SO1) and said second predefined terminal application open signals (SO2) comprises processing capability information (P_T1; P_T2) in order to be forwarded to a processing environment determining means (PED) according to any one of claim 4.

8. A network service capability server means (SCS_HN; SCS_VN; SCS_IN) of a sub-network (HN; VN; IN) of a telecommunication network, said network service capability server means (SCS_HN; SCS_VN; SCS_IN) is adapted to translate first application signals (N_S1) into first predefined network application open service architecture signals (N_SO1) and to translate second predefined network application open service architecture signals (N_SO2) into second application signals (N_S2), **characterized** in that said first predefined network application open service architecture signals (N_SO1) and said second predefined network application open service architecture signals (N_SO2) comprises processing capability information (P_HN; P_VN; P_IN) in order to be forwarded to a processing environment determining means (PED) according to any one of claim 4.

9. A telecommunication network, **characterized** in that said telecommunication network comprises at least one processing environment determining means (PED) according to any previous claim.

10. A method to be used by a processing environment determining means of a telecommunication network, **characterized** in that said method comprises the steps of:

- retrieving by a first retrieving means (RET1) one or more processing capability information (P_T1; P_T2; P_HN; P_VN; P_IN; P_SPE) associated to any one of a user terminal (T1; T2), a network element (HNE; VNE; INE) of a sub-network (HN; VN; IN) and a service provider equipment (SPE) of a service provider (SP); and

- appointing by an appointing means (APP) for a predefined service of a predefined client, according to predefined rules and conditions, and

according to said processing capability information (P_T1; P_T2; P_HN; P_VN; P_IN; P_SPE), one or more out of said terminal (T1; T2), said network elements (HNE; VNE; INE) and said service provider equipment (SPE) to determine thereby an appointed processing environment (P_APP) that has to be used to execute said predefined service.